



TEST CERTIFICATE

Liquid and Plastic Limits

i2 Analytical Ltd
7 Woodshots Meadow
Croxley Green Business Park
Watford Herts WD18 8YS



Environmental Science

4041

Tested in Accordance with: BS 1377-2: 1990: Clause 4.4 and 5

Client: BWB Consulting Limited
Client Address: 5th Floor, Waterfront House,
Nottingham, NG2 3DQ

Client Reference: LDQ2048
Job Number: 19-31461
Date Sampled: 31/01/2019
Date Received: 04/03/2019
Date Tested: 12/03/2019
Sampled By: Not Given

Contact: Jade Allen
Site Name: Trowbridge
Site Address: Not Given

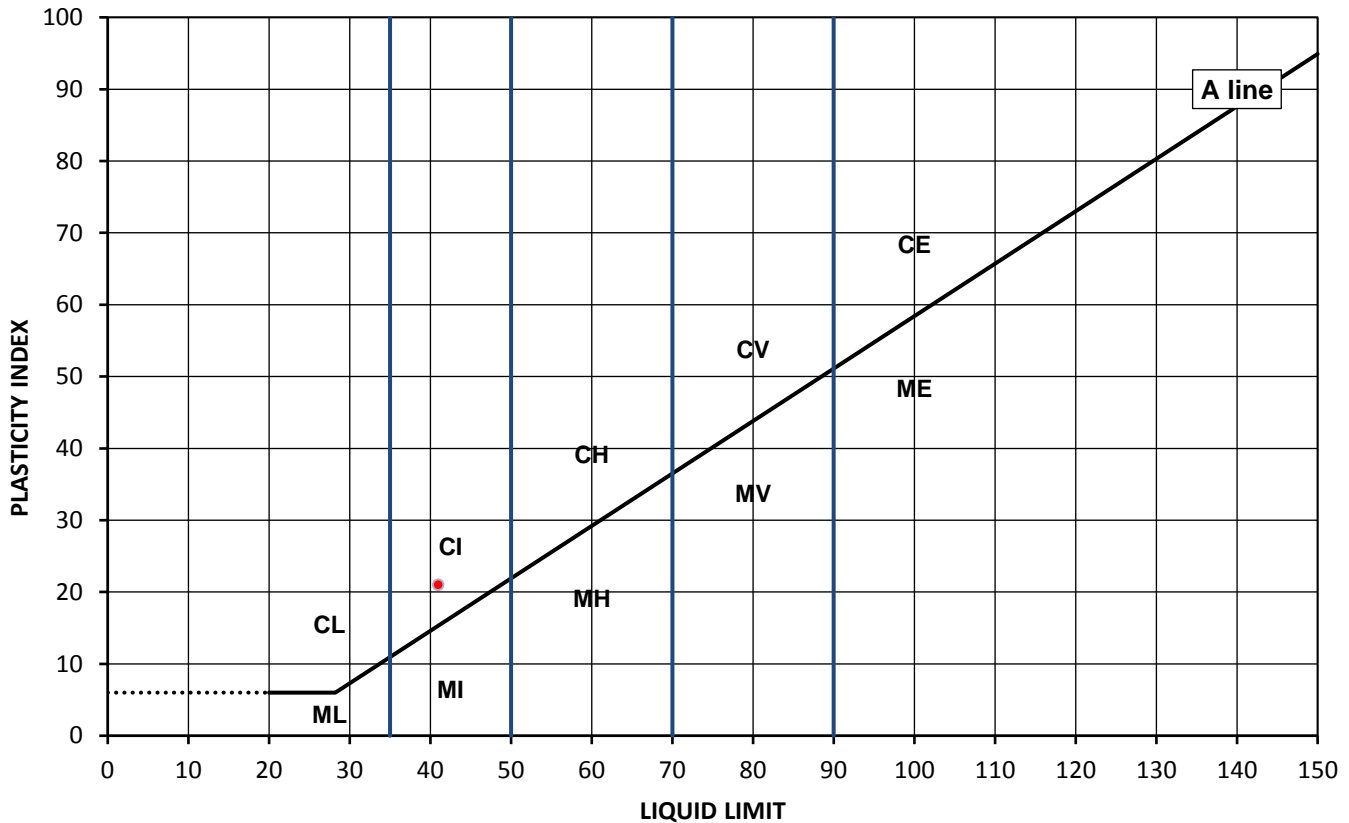
Test Results

Laboratory Reference: 1169107
Hole No.: DS07
Sample Reference: BWB4190304003
Soil Description: Brown slightly gravelly sandy CLAY

Depth Top [m]: 1.60
Depth Base [m]: 1.70
Sample Type: D

Sample Preparation: Tested after washing to remove >425um

As Received Moisture Content [%]	Liquid Limit [%]	Plastic Limit [%]	Plasticity Index [%]	% Passing 425µm BS Test Sieve
19	41	20	21	88



Legend, based on BS 5930:2015 Code of practice for site investigations

C	Clay	Plasticity	Liquid Limit
M	Silt	L	Low
		I	Medium
		H	High
		V	Very high
		E	Extremely high
			below 35
			35 to 50
			50 to 70
			70 to 90
			exceeding 90
	Organic	O	append to classification for organic material (eg CHO)

Note: Moisture Content by BS 1377-2: 1990: Clause 3.2

Remarks:

Approved: Dariusz Piotrowski
PL Geotechnical Laboratory Manager
Date Reported: 18/03/2019

Signed: Darren Berrill
Geotechnical General Manager

GF 232.4

*Opinions and interpretations expressed here in are outside of the scope of the UKAS Accreditation.
This report may not be reproduced other than in full without the prior written approval of the issuing laboratory.
The results included within the report are representative of the samples submitted for analysis.
The analysis was carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland.*



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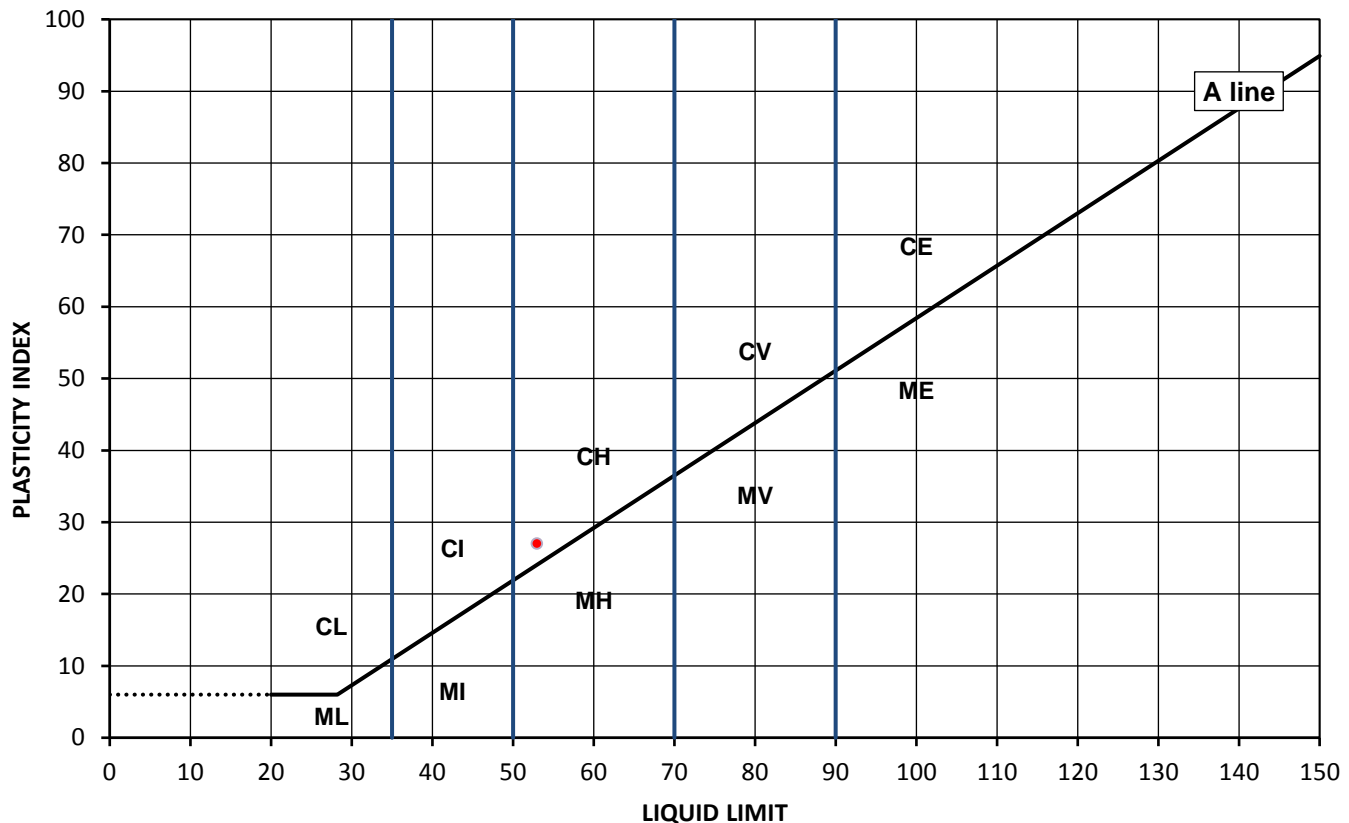
Test Results

Laboratory Reference: 1169108
Hole No.: DS08
Sample Reference: BWB4190304008
Soil Description: Brownish grey slightly sandy CLAY

Depth Top [m]: 1.90
Depth Base [m]: 2.00
Sample Type: D

Sample Preparation: Tested in natural condition

As Received Moisture Content [%]	Liquid Limit [%]	Plastic Limit [%]	Plasticity Index [%]	% Passing 425µm BS Test Sieve
11	53	26	27	100



Legend, based on BS 5930:2015 Code of practice for site investigations

C	Clay	Plasticity	Liquid Limit
M	Silt	L	Low
		I	Medium
		H	High
		V	Very high
		E	Extremely high
			below 35
			35 to 50
			50 to 70
			70 to 90
			exceeding 90
	Organic	O	append to classification for organic material (eg CHO)

Note: Moisture Content by BS 1377-2: 1990: Clause 3.2

Remarks:

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PL Geotechnical Laboratory Manager
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 Site Address: Not Given

SUMMARY REPORT

Summary of Classification Test Results

Tested in Accordance with:

MC by BS 1377-2: 1990: Clause 3.2; WC by BS EN 17892-1: 2014; Atterberg
 by BS 1377-2: 1990: Clause 4.3, Clause 4.4 and 5; PD by BS 1377-2: 1990:
 Clause 8.2

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Client Reference: LDQ2048
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 Date Sampled: 31/01/2019
 Date Received: 04/03/2019
 Date Tested: 12/03/2019
 Sampled By: Not Given

Test results

Laboratory Reference	Hole No.	Sample				Description	Remarks	MC	WC	Atterberg				Density			Total Porosity#		
		Reference	Depth Top m	Depth Base m	Type					% Passing 425um	LL	PL	PI	bulk Mg/m3	dry Mg/m3	PD Mg/m3			
1169107	DS07	BWB4190304003	1.60	1.70	D	Brown slightly gravelly sandy CLAY	Atterberg 1 Point	19		88	41	20	21						
1169108	DS08	BWB4190304008	1.90	2.00	D	Brownish grey slightly sandy CLAY	Atterberg 1 Point	11		100	53	26	27						

Note: # Non accredited; NP - Non plastic

Comments:

Approved: Dariusz Piotrowski
 PL Geotechnical Laboratory Manager
 Date Reported: 18/03/2019

Signed: Darren Berrill
 Geotechnical General Manager

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